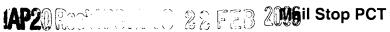
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| FORM PTO-1390 MODIFIED | | -1390 | U.S. DEPARTMENT O | F COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 36-1960 | | | | | | | | | |
|--|---|--|------------------------|--|--|--|--|--|--|--|--|--|--|--|
| 55 | | TRA | NSMITTAL LETTE | R TO THE UNITED STATES | U.S. APPLICATION NO. (If known, see 37 C.F. F.). | | | | | | | | | |
| DESIGNATED/ELECTED OFFICE (DO/EO/US) | | | | | | | | | | | | | | |
| CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED | | | | | | | | | | | | | | |
| | | | 2004/003583 | 20 August 2004 | 28 August 2003 | | | | | | | | | |
| TITLE OF INVENTION METHOD AND APPARATUS FOR STORING AND RETRIEVING DATA USING ONTOLOGIES | | | | | | | | | | | | | | |
| APPLICANT(S) FOR DO/EO/US | | | | | | | | | | | | | | |
| LI | | | | | | | | | | | | | | |
| Арр | Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | | | | | | | | | |
| 1. | \boxtimes | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | | | | | | |
| 2. | | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. | | | | | | | | | | | | |
| 3. | \boxtimes | This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. | | | | | | | | | | | | |
| 4. | | The U.S. has been elected (Article 31). | | | | | | | | | | | | |
| 5. | A co | opy of the International Application as filed (35 U.S.C. 371(c)(2). | | | | | | | | | | | | |
| | a. | WO 2005/022408 is attached hereto (29 pages specification, claims & abstract (13 claims), 7 sheets drawings). | | | | | | | | | | | | |
| | b. | □ has been communicated by the International Bureau. | | | | | | | | | | | | |
| | C. | is not required, as the application was filed in the United States Receiving Office (RO/US). | | | | | | | | | | | | |
| 6. | | An English language translation of the International Application as filed (35 U.S.C. 371(c)(3) | | | | | | | | | | | | |
| | a. Cer | is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page tificate of Translation). | | | | | | | | | | | | |
| | b. | □ r | nas been previously su | ubmitted under 35 U.S.C. 154(d)(4). | | | | | | | | | | |
| 7. | | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3) | | | | | | | | | | | | |
| | a. | are attached hereto (required only if not communicated by the International Bureau). | | | | | | | | | | | | |
| | b. | □ r | nave been communica | ited by the International Bureau. | | | | | | | | | | |
| · | c. | □ r | nave not been made; I | nowever, the time limit for making such am | endments has NOT expired. | | | | | | | | | |
| · | d. | □ r | nave not been made a | nd will not be made. | | | | | | | | | | |
| 8. | | An En | glish language transla | tion of the amendments to the claims unde | er PCT Article 19 (35 U.S.C. 371(c)(3). | | | | | | | | | |
| 9. | a. | \boxtimes A | An oath or declaration | of the inventor(s) (35 U.S.C. 371(c)(4). | | | | | | | | | | |
| | b. Fori | | | | ernational Phase (see copies of Declaration (page on acknowledging receipt thereof attached). | | | | | | | | | |
| 10. | | An En | glish language transla | , , , , | eliminary Examination Report under PCT Article 36 (35 | | | | | | | | | |
| U.S | | 71(c)(5). n s 11 T o | | document(s) or information included: | | | | | | | | | | |
| 11. | | An Inf | ormation Disclosure S | Statement under 37 C.F.R. 1.97 and 1.98. | | | | | | | | | | |
| 12. | \boxtimes | An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. | | | | | | | | | | | | |
| 13. | a. | ☑ A FIRST preliminary amendment. | | | | | | | | | | | | |
| | b. | ☐ A SECOND or SUBSEQUENT preliminary amendment. | | | | | | | | | | | | |
| 14. | | An Application Data Sheet under 37 C.F.R. § 1.76. | | | | | | | | | | | | |
| 15. | | A substitute specification. | | | | | | | | | | | | |
| 16. | | A change of power of attorney and/or address letter. | | | | | | | | | | | | |
| 17. | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. | | | | | | | | | | | | |
| 18. | | A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | | | |
| 19. | | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | | | | | | |
| 20 | | Other | itama ar information | | | | | | | | | | | |

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| | ેહ | Inknow | n()(5)(| <u> 369</u> | | Р | CT/GB2004/0 | 0358 | 3 | | 3 | 36-1960 | | · · · · · · · · · · · · · · · · · · · |
| ☐ The following fees are submitted: | | | | | | | | | | | | - | | |
| BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): 21. Basic national fee | | | | | | | | | | | \$ | 300.00 | | |
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| 22. | | | | | | | | | | ψυ | \$ | 200.00 | | |
| \$200.00 (1633)/\$100.00 (2633) | | | | | | | | | 33) | | | | | |
| 23. Search Fee | | | | | | | | | | | | | | |
| \$100 (1641)/\$50 (2641) | | | | | | | | | | | | | | |
| | | | | | | | | | | | \$ | 400.00 | | |
| \$500.00 (1632)/\$250.00 (2632) TOTAL OF ABOVE CALCULATIONS | | | | | | | | | | | \$ | 900.00 | | |
| | | | | | | | | | | | <u> </u> | 000.00 | | |
| computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | | | | eets of | | | | |
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| Surchard | ne of \$13 | 0.00 (16 | 17)/\$65 | . 00 (2617 |) for furnishi | ng t | he oath or de | clarati | on later than 🔲 30 | months | П | | cu | |
| from the | earliest (| | | | .F.R. 1.492(| | | | | | \$ | 0.00 | | |
| | AIMS | | | R FILED | # EXTRA | 00 | 0.00 (1615)/ | I | RATE | T | \$ | | | |
| Total Cla | aims | 1: | 3 m | ninus 20 = | 0 X | 🌣 : | 50.00 (1615)/ | | \$25.00 (2615) | | ۱۵ | | | |
| | dent Clai | | | inus 3 = | 0 X | \$2 | 200.00 (1614) | | \$100.00 (2614) | | \$ | | | |
| MULTIP | LE DEPE | NDENT | CLAIM | S(S) (if ap | plicable) | | | | 6)/\$180.00 (2616) | and | \$ | 0.00 | | |
| attachme | is hereby ent(s): O | made to ne Mont | o extend h Exten | the curre sion \$120 | ent due date 0.00 (1251)/\$ | so a 60.0 | as to cover the 00 (2251): Tw | ∍ illing ⁄o Mor | date of this paper oth Extensions \$45 | and 0.00 | | | | |
| (1252)/\$ | 225.00 (2 | 2252);Th | ree Mo | nth Extens | sions \$1020. | .00 | (1253/\$510.00 | (225 | 3); Four Month Ext | ensions | | | | |
| \$1590.0 | | | | | 07.050.4 | | | | | | \$ | 0.00 | | |
| | | | | | ee 37 CFR 1 | | n Translation | later ti | nan 20 3 | 0 | H | | | <u>-</u> |
| | | | | | te (37 C.F.F | | | | + | | | 0.00 | | |
| | | | | | /07.0 E.D. | | // TI | | TOTAL NATION | | \$ | 900.00 | | |
| hee for r | recording poriate co | the encl over shee | losed as et (37 C | signment .F.R. 3.28 | (37 C.F.H. 1 3. 3.31). \$40 | 1.21 . 00 | (n). The assi (8021) per pr | gnmei opertv | nt must be accomp | anied by | \$ | 40.00 | | |
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| | <u>. </u> | | | | | | | | | | | | | |
| a. 🗆 | A chec | k in the a | amount | of \$940.0 | 00 to cover th | ne a | bove fees is e | enclos | ed. | | | | | |
| b. 🗆 | Please | charge r | ny Dep | | unt No. 14-1 | | | | to cover the | above fees | 3 . | | | |



c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed.

e. The entire content of International Application No. **PCT/GB2004/003583** and any U.S. and foreign application(s) corresponding thereto, and GB 0320205.8, referred to in this application is/are hereby incorporated by reference in this application.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.

CORRESPONDENCE ADDRESS

Direct all correspondence to:

Customer Number:

23117

Type Customer Number here

Telephone: (703) 816-4000

LSN:Imy

Larry S. Nixon

NAME

25,640 REGISTRATION NUMBER

February 22, 2006

Date